



# Automotive Display

With the thriving development of electric vehicles, smart cabins have become a focal point for major automakers in optimizing interior spaces. In both large public transport vehicles and private cars, diverse display systems are indispensable elements of smart cabins. These display systems allow drivers to conveniently access driving information while also providing passengers with rich entertainment experiences. As a leading supplier of display light source solutions according to different customer and situational needs.

## 55" Full-Array Local Dimming Display



Number of Mini LED (pcs) (CSP1010 with Dome Lens)	2560ea
Zone (ea/zone)	1
Curvature	3,000
Color Gamut	> 85%
OD (mm)	2.5

### Market Trends & Growth Potential in Products/Technology

In response to the rising demand for entertainment and information systems, our full array local dimming backlight provides high brightness and contrast for in-car displays, with reliability and low power consumption. It's more competitive than different vehicle models, enabling curved and irregular designs for an integrated in-car display OLED and offers flexibility to adapt to solution.

#### Ennostar's Highlights

- The direct-type white light panel, combined with a large-area backlight design, generates high-brightness, high-contrast, and high-quality images under excellent multi local-dimming zones technology.

#### Ennostar is with you in every step

Products	Epitaxial Wafer	Chip	Package	Module
	●	●	●	●

## 17.3" Micro LED Transparent Display



Chip Dimension (µm)	20 x 40
Backplane	TFT
Color Solution	RGB
Resolution (pixel)	1,280x720
Transmittance	≥60%
Color Gamut	>110% NTSC

### Market Trends & Growth Potential in Products/Technology

Micro LED transparent display is brighter and has a higher transparency rate than OLED. It can clearly display the information in both bright and dark conditions without affecting rear visibility, thereby enhancing driver safety. Additionally, passengers can enjoy a high-quality entertainment experience. Micro LED technology not only improves driving safety but also enriches in-car entertainment, offering greater possibilities for smart cabins.

Furthermore, the flexibility and energy-saving features of Micro LED display make it popular in the automotive market. Its compact and lightweight design is suitable for complex in-car environments, while their low power consumption meets the energy-saving requirements of electric vehicles, extending battery life and improving overall efficiency.

Micro LED is increasingly popular in the automotive market, demonstrating significant application potential. This advanced display technology not only enhances the functionality of smart cabins but also provides a safer and more enjoyable driving experience for both drivers and passengers.

#### Ennostar's Highlights

- Transparency exceeds 65%
- Brightness can reach 2,000 nits
- Extremely small pixel size, meeting the flexible and slim requirements of in-car space design
- Low power consumption display light source

#### Ennostar is with you in every step

Products	Epitaxial Wafer	Chip	Package	Module
	●	●	●	●